



Requirements for Electrical Permit Submittal for Residential and Light Commercial **Solar Photovoltaic Installations**

Please include the following with your Electrical permit application:

SIMPLE plot plan showing property line locations, approximate location of all structures, the location(s) of the panel installations, and the main service location.

Specify the locations of all equipment and disconnects (i.e., "located on exterior face of west wall of house and clarify any interior locations of equipment")

Provide a single line drawing of the electrical installation which includes the following information:

- PV panel layout,
- PV power source short circuit current rating,
- conductor size, type, locations and lengths of runs,,
- wiring methods,
- grounding points,
- inverter location,
- disconnect locations,
- battery locations (if applicable),
- point of connection to the existing electrical system. Include the existing service size and number of meters.

Provide manufacturer's specification sheets on all components including but not limited to inverters and panels, which include the make, model, listing, size, weight.

[Safe access to the roof must be provided for all inspections.](#)